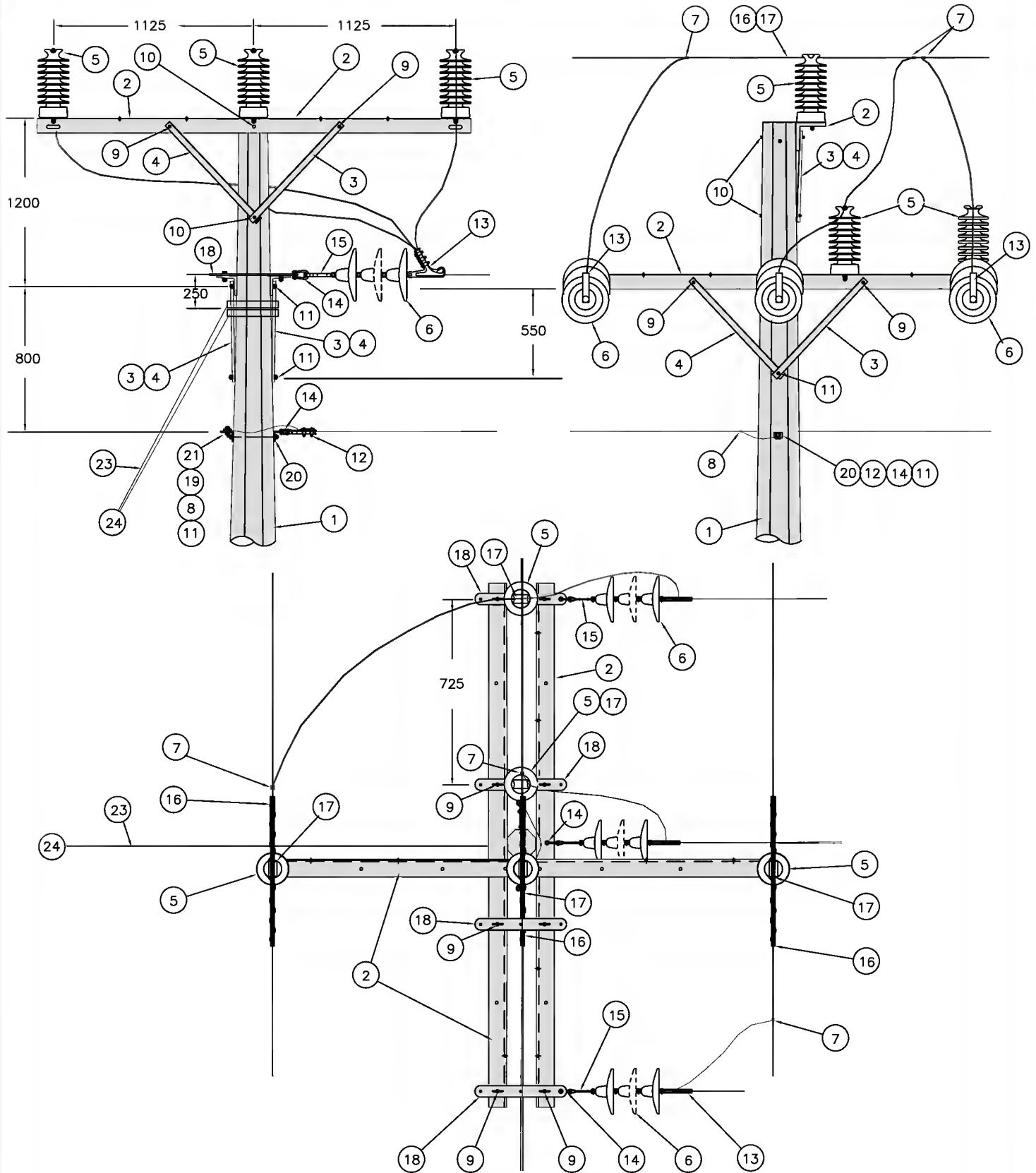




SEC DISTRIBUTION CONSTRUCTION STANDARDS

SDCS-01

Dated: NOVEMBER 2004



DRW.049-OC12S,12M, S.C.TAP-OFF ON INTERMEDIATE 0°-5° STRUC. W/STAYS

ALL DIMENSIONS ARE IN MILLIMETER



SEC DISTRIBUTION CONSTRUCTION STANDARDS

SDCS-01

Dated: NOVEMBER 2004

SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFERENCES	
01	1	OC12S – 12 Meter Steel Pole, HDG, Single Circuit	20-SDMS-01	Page 34
02	3	Crossarm – L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	3	Brace – L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	3	Brace – L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	5	Line Post Insulator	15-SDMS-01	Clause 4.2.8
06	3 Set	Suspension Insulator	15-SDMS-01	Page 23
07	3	Parallel Groove Compression Connector for Merlin-Merlin	20-SDMS-02	Fig. 39
08	1	Parallel Groove Compression Connector for 67.44mm ² ACSR/AW (Quail)	20-SDMS-02	Fig. 39
09	14	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	3	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	1	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
13	3	Strain Clamp, 3 U-Bolts Type for Merlin	20-SDMS-02	Fig. 29
14	4	Anchor Shackle	20-SDMS-02	Fig. 20
15	3	Clevis Eye Extension	20-SDMS-02	Fig. 21
16	3 Set	Preformed Armoured Rods for 170.5mm ² ACSR/AW (Merlin)	20-SDMS-02	Fig. 38
17a	3	Preformed Line Post Insulator Top Tie for Merlin With Armour	20-SDMS-02	Fig. 35
17b	2	Preformed Line Post Insulator Top Tie for Merlin	20-SDMS-02	Fig. 35
18	4	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
19	1	Earthwire Support Plate	20-SDMS-02	Fig. 06
20	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
21	1 Set	Preformed Armoured Rods for 67.44mm ² ACSR/AW (Quail)	20-SDMS-02	Fig. 38
22	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
23	24M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)		
24	1 Set	M.V.-S.C. Two Stay Assembly	20-SDMS-02	Drw. 303
25	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
26	15M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
27	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
28	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
29	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51
		170.5mm ² ACSR/AW, MERLIN		

DRW.049A-OC12S, 12M, S.C. TAP-OFF ON INTERMEDIATE 0°-5° STRUC.
WITH STAYS FOR MERLIN MAIN & MERLIN TAP-OFF

MERLIN MAIN & QUAIL TAP-OFF

WITH STAYS FOR MERLIN MAIN & QUAIL TAP-OFF

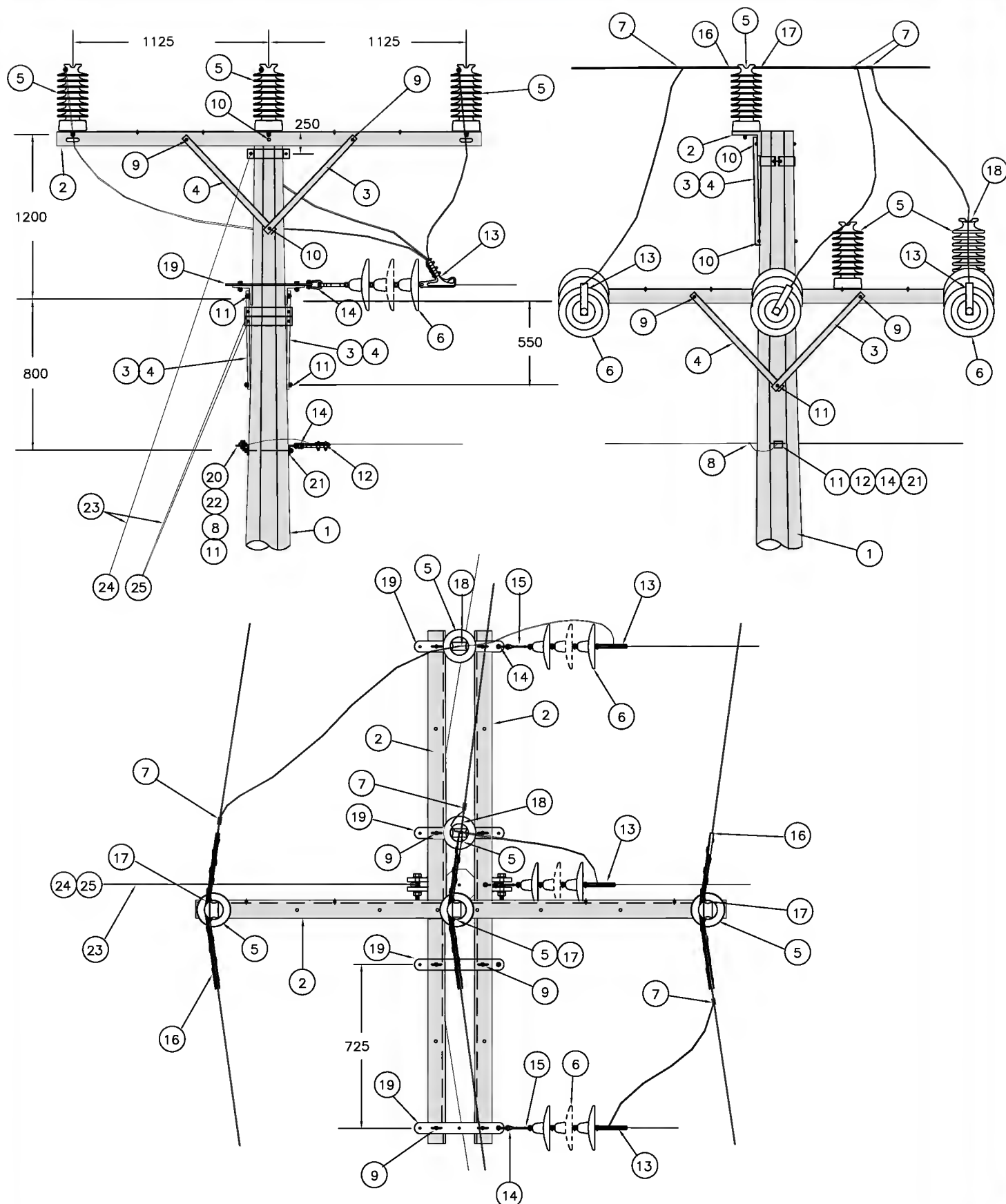
DRW.049C-OC12S, 12M, S.C. TAP-OFF ON INTERMEDIATE 0°-5° STRUC.
WITH STAYS FOR QUAIL MAIN & QUAIL TAP-OFF



SEC DISTRIBUTION CONSTRUCTION STANDARDS

SDCS-01

Dated: NOVEMBER 2004



DRW.050-OC12S,12M,S.C. TAP-OFF ON LIGHT ANGLE 6°-15° STURC.W/STAYS

ALL DIMENSIONS ARE IN MILLIMETER



SEC DISTRIBUTION CONSTRUCTION STANDARDS

SDCS-01

Dated: NOVEMBER 2004

SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFERENCES	
01	1	OC12S - 12 Meter Steel Pole, HDG, Single Circuit	20-SDMS-01	Page 34
02	3	Crossarm - L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	3	Brace - L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	3	Brace - L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	5	Line Post Insulator	15-SDMS-01	Clause 4.2.8
06	3 Set	Suspension Insulator	15-SDMS-01	Page 23
07	3	Parallel Groove Compression Connector for Merlin-Merlin	20-SDMS-02	Fig. 39
08	1	Parallel Groove Compression Connector for 67.44mm ² ACSR/AW (Quail)	20-SDMS-02	Fig. 39
09	14	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	3	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	1	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
13	3	Strain Clamp, 3 U-Bolts Type for Merlin	20-SDMS-02	Fig. 29
14	4	Anchor Shackle	20-SDMS-02	Fig. 20
15	3	Clevis Eye Extension	20-SDMS-02	Fig. 21
16	3 Set	Preformed Armoured Rods for 170mm ² ACSR/AW (Merlin)	20-SDMS-02	Fig. 38
17	3	Preformed Line Post Insulator Side Tie for Merlin With Armour	20-SDMS-02	Fig. 36
18	2	Preformed Line Post Insulator Top Tie for Merlin	20-SDMS-02	Fig. 35
19	4	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
20	1	Earthwire Support Plate	20-SDMS-02	Fig. 06
21	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
22	1 Set	Preformed Armoured Rods for 67.44mm ² ACSR/AW (Quail)	20-SDMS-02	Fig. 38
23	37M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)		
24	1 Set	M.V.-S.C. One Stay Assembly	20-SDMS-02	Drw. 300
25	1 Set	M.V.-S.C. Two Stay Assembly	20-SDMS-02	Drw. 301
26	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
27	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
28	15M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
29	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
30	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
31	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51
		170.5mm ² ACSR/AW, MERLIN		

DRW.050A-OC12S, 12M, S.C. TAP-OFF ON LIGHT ANGLE STRUCTURE 6°-15°
WITH STAYS FOR MERLIN MAIN & MERLIN TAP-OFF



SEC DISTRIBUTION CONSTRUCTION STANDARDS

SDCS-01

Dated: NOVEMBER 2004

SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFERENCES	
01	1	OC12S – 12 Meter Steel Pole, HDG, Single Circuit	20-SDMS-01	Page 34
02	3	Crossarm – L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	3	Brace – L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	3	Brace – L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	5	Line Post Insulator	15-SDMS-01	Clause 4.2.8
06	3 Set	Suspension Insulator	15-SDMS-01	Page 23
07	3	Parallel Groove Compression Connector for Merlin – Quail	20-SDMS-02	Fig. 39
08	1	Parallel Groove Compression Connector for 67.44mm ² ACSR/AW (Quail)	20-SDMS-02	Fig. 39
09	14	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	3	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	1	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
13	3	Strain Clamp, 3 U-Bolts Type for Quail	20-SDMS-02	Fig. 29
14	4	Anchor Shackle	20-SDMS-02	Fig. 20
15	3	Clevis Eye Extension	20-SDMS-02	Fig. 21
16	3 Set	Preformed Armoured Rods for 170mm ² ACSR/AW (Merlin)	20-SDMS-02	Fig. 38
17	3	Preformed Line Post Insulator Side Tie for Merlin With Armour	20-SDMS-02	Fig. 36
18	2	Preformed Line Post Insulator Top Tie for Quail	20-SDMS-02	Fig. 35
19	4	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 7
20	1	Earthwire Support Plate	20-SDMS-02	Fig. 06
21	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
22	1 Set	Preformed Armoured Rods for 67.44mm ² ACSR/AW (Quail)	20-SDMS-02	Fig. 38
23	37M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)		
24	1 Set	M.V.-S.C. One Stay Assembly	20-SDMS-02	Drw. 300
25	1 Set	M.V.-S.C. Two Stay Assembly	20-SDMS-02	Drw. 301
26	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
27	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49&50
28	15M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
29	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
30	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
31	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51
		MERLIN MAIN & QUAIL TAP-OFF		

DRW.050B-OC12S, 12M, S.C. TAP-OFF ON LIGHT ANGLE STRUCTURE 6°-15°
WITH STAYS FOR MERLIN MAIN & QUAIL TAP-OFF

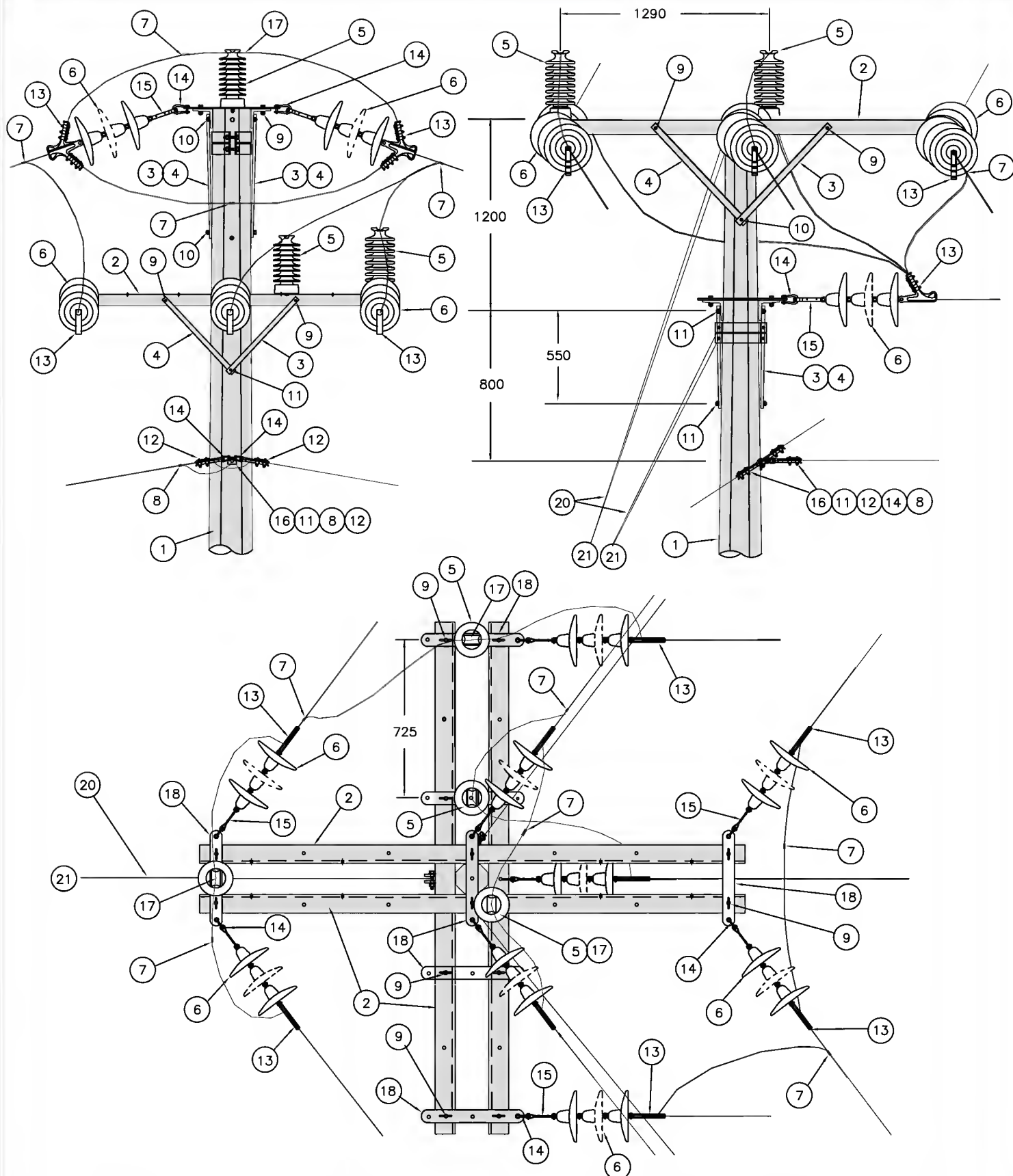
DRW.050C-OC12S, 12M, S.C. TAP-OFF ON LIGHT ANGLE STRUCTURE 6°-15°
WITH STAY FOR QUAIL MAIN & QUAIL TAP-OFF



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Dated: NOVEMBER 2004



DRW.051-OC12S, 12M, S.C. TAP-OFF ON MEDIUM & HEAVY 16°-90°
ANGLE STRUCTURE WITH STAYS

ALL DIMENSIONS ARE IN MILLIMETER

Dated: NOVEMBER 2004

DRW.051A-OC12S, 12M, S.C.TAP-OFF ON MEDIUM & HEAVY ANGLE 16°-90°
WITH STAYS FOR MERLIN MAIN & MERLIN TAP-OFF

DRW.051B-OC12S, 12M, S.C.TAP-OFF ON MEDIUM & HEAVY ANGLE 16°-90°
WITH STAYS FOR MERLIN MAIN & QUAIL TAP-OFF

Dated: NOVEMBER 2004

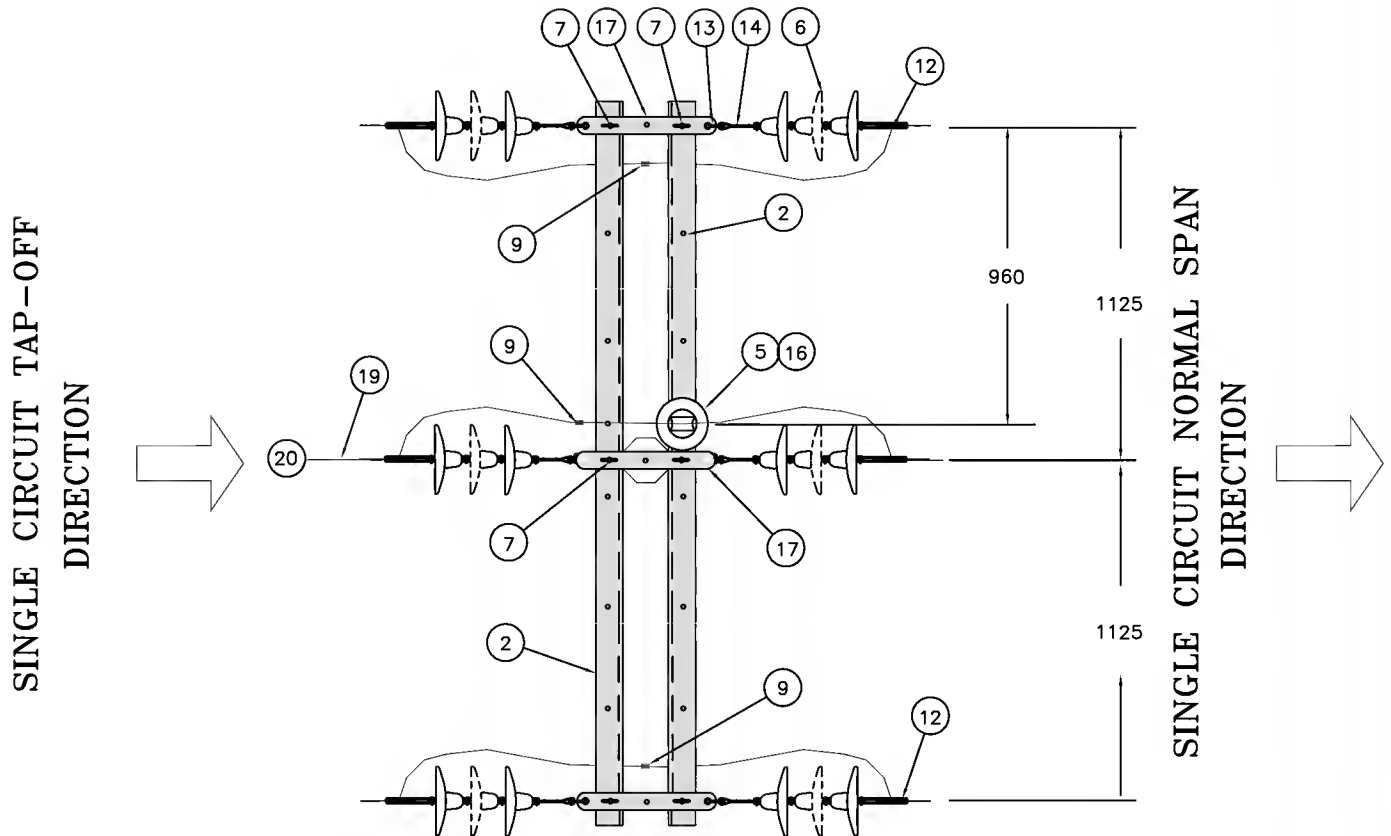
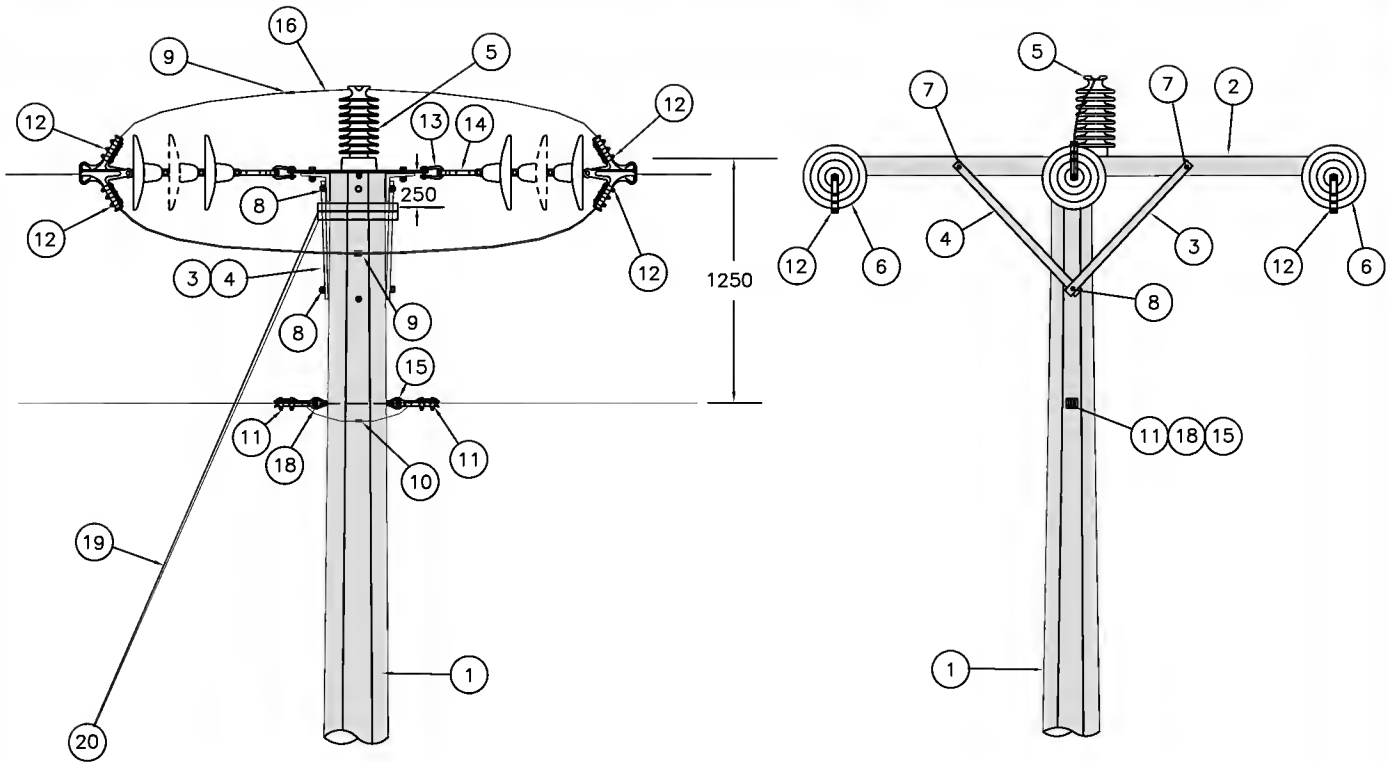
DRW.051C-0C12S, 12M, S.C.TAP-OFF ON MEDIUM & HEAVY ANGLE 16°-90°
WITH STAYS FOR QUAIL MAIN & QUAIL TAP-OFF



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SDCS-01

Dated: NOVEMBER 2004



DRW.052-OC12S, 12M, SINGLE CIRCUIT, SLACK POLE STRUC. WITH STAYS
FROM SINGLE CIRCUIT TAP-OFF

ALL DIMENSIONS ARE IN MILLIMETER

DRW.052A-OC12S, 12M, SINGLE CIRCUIT, SLACK POLE STRUC. WITH STAYS
FROM SINGLE CIRCUIT TAP-OFF (MERLIN MAIN)

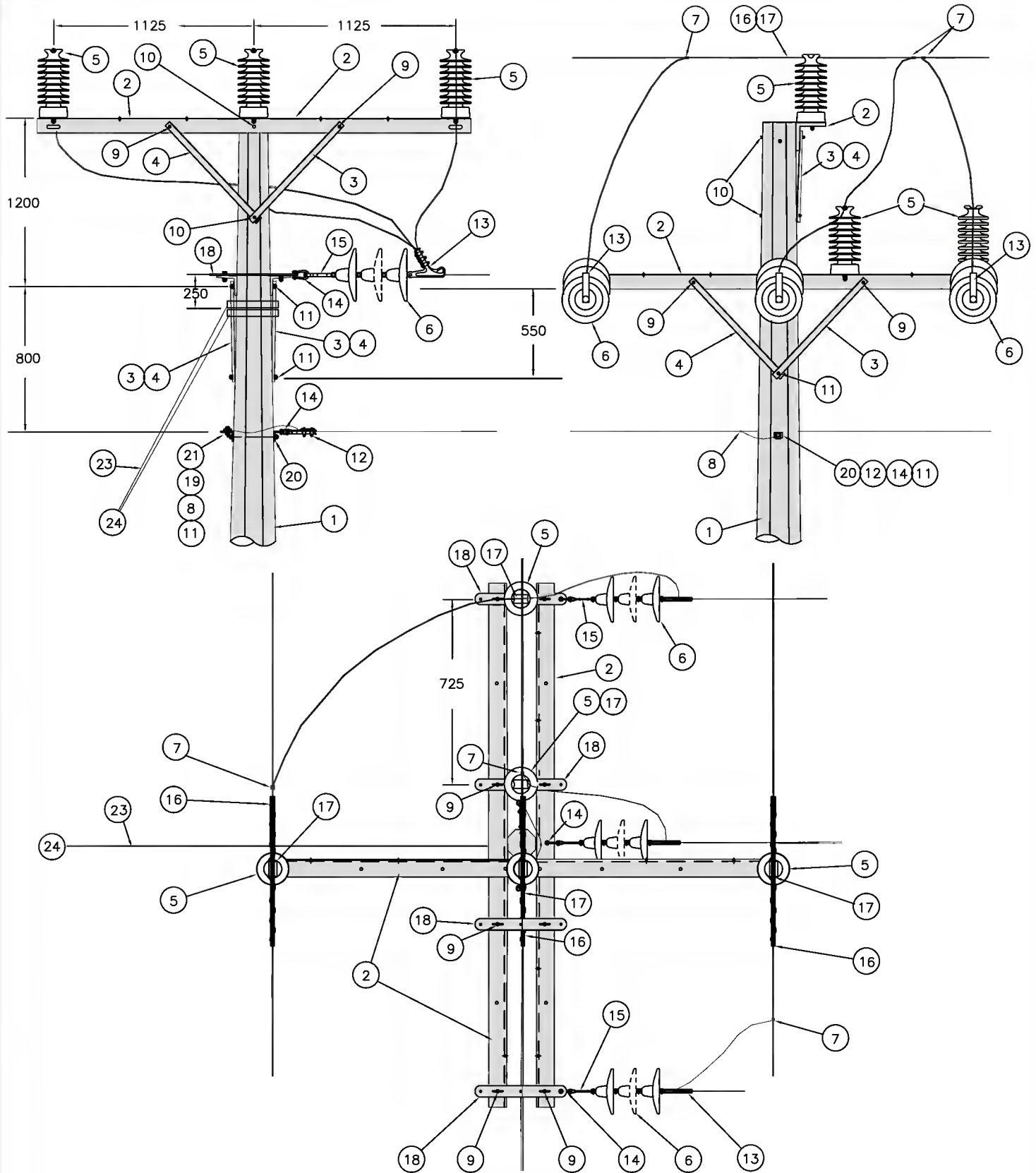
DRW.052B-OC12S, 12M, SINGLE CIRCUIT, SLACK POLE STRUC. WITH STAYS
FROM SINGLE CIRCUIT TAP-OFF (QUAIL MAIN)



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Dated: NOVEMBER 2004



DRW.053-OC13S,13M, S.C.TAP-OFF ON INTERMEDIATE 0°-5° STRUC. W/STAYS

ALL DIMENSIONS ARE IN MILLIMETER

DRW.053A-OC13S, 13M, S.C. TAP-OFF ON INTERMEDIATE 0°-5° STRUC.
WITH STAYS FOR MERLIN MAIN & MERLIN TAP-OFF

DRW.053B-0C13S, 12M,S.C. TAP-OFF ON INTERMEDIATE 0°-5° STRUC.
WITH STAYS FOR MERLIN MAIN & QUAIL TAP-OFF

DRW.053C-OC13S, 13M, S.C. TAP-OFF ON INTERMEDIATE 0°-5° STRUC.
WITH STAYS FOR QUAIL MAIN & QUAIL TAP-OFF

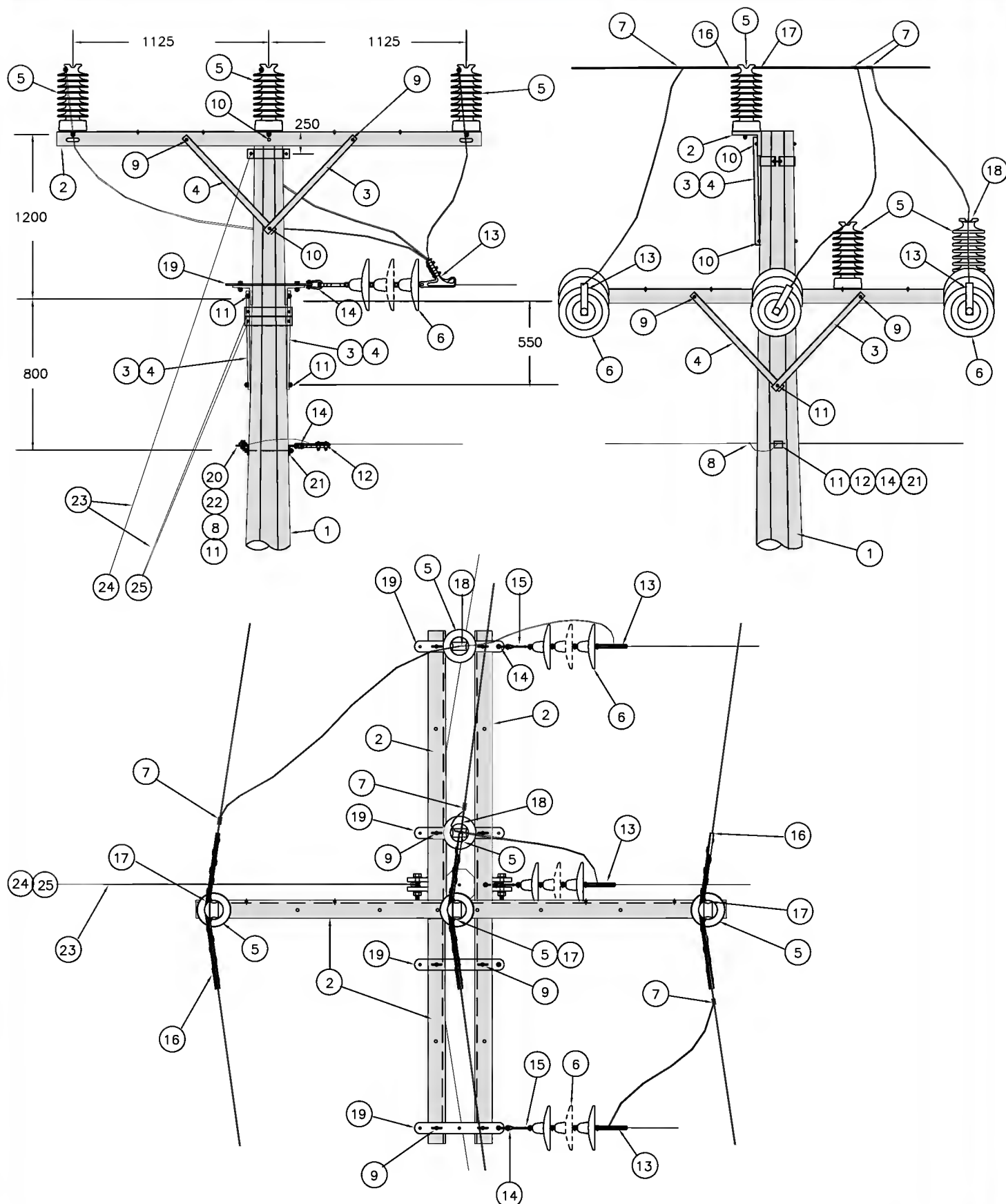


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SDCS-01

Dated:

24-06-2003



DRW.054-OC13S,13M,S.C. TAP-OFF ON LIGHT ANGLE 6°-15° STURC.W/STAYS

ALL DIMENSIONS ARE IN MILLIMETER



SEC DISTRIBUTION CONSTRUCTION STANDARDS

SDCS-01

Dated: 24-06-2003

SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFERENCES	
01	1	OC13S – 13 Meter Steel Pole, HDG, Single Circuit	20-SDMS-01	Page 35
02	3	Crossarm – L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	3	Brace – L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	3	Brace – L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	5	Line Post Insulator	15-SDMS-01	Clause 4.2.8
06	3 Set	Suspension Insulator	15-SDMS-01	Page 23
07	3	Parallel Groove Compression Connector for Merlin-Merlin	20-SDMS-02	Fig. 39
08	1	Parallel Groove Compression Connector for 67.44mm ² ACSR/AW (Quail)	20-SDMS-02	Fig. 39
09	14	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	3	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	1	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
13	3	Strain Clamp, 3 U-Bolts Type for Merlin	20-SDMS-02	Fig. 29
14	4	Anchor Shackle	20-SDMS-02	Fig. 20
15	3	Clevis Eye Extension	20-SDMS-02	Fig. 21
16	3 Set	Preformed Armoured Rods for 170mm ² ACSR/AW (Merlin)	20-SDMS-02	Fig. 38
17	3	Preformed Line Post Insulator Side Tie for Merlin With Armour	20-SDMS-02	Fig. 36
18	2	Preformed Line Post Insulator Top Tie for Merlin	20-SDMS-02	Fig. 35
19	4	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 7
20	1	Earthwire Support Plate	20-SDMS-02	Fig. 06
21	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
22	1 Set	Preformed Armoured Rods for 67.44mm ² ACSR/AW (Quail)	20-SDMS-02	Fig. 38
23	41M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)		
24	1 Set	M.V.-S.C. One Stay Assembly	20-SDMS-02	Drw. 300
25	1 Set	M.V.-S.C. Two Stay Assembly	20-SDMS-02	Drw. 301
26	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
27	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
28	16M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
29	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
30	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
31	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51
		170.5mm ² ACSR/AW, MERLIN		

DRW.054A-OC13S, 13M, S.C. TAP-OFF ON LIGHT ANGLE STRUCTURE 6°-15°
WITH STAYS FOR MERLIN MAIN & MERLIN TAP-OFF

DRW.054B-OC13S, 13M, S.C. TAP-OFF ON LIGHT ANGLE STRUCTURE 6°-15°
WITH STAYS FOR MERLIN MAIN & QUAIL TAP-OFF



SEC DISTRIBUTION CONSTRUCTION STANDARDS

SDCS-01

Dated: 24-06-2003

SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFERENCES	
01	1	OC13S – 13 Meter Steel Pole, HDG, Single Circuit	20-SDMS-01	Page 35
02	3	Crossarm – L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	3	Brace – L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	3	Brace – L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	5	Line Post Insulator	15-SDMS-01	Clause 4.2.8
06	3 Set	Suspension Insulator	15-SDMS-01	Page 23
07	3	Parallel Groove Compression Connector for Quail-Quail	20-SDMS-02	Fig. 39
08	1	Parallel Groove Compression Connector for 67.44mm ² ACSR/AW (Quail)	20-SDMS-02	Fig. 39
09	14	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	3	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	1	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
13	3	Strain Clamp, 3 U-Bolts Type for Quail	20-SDMS-02	Fig. 29
14	4	Anchor Shackle	20-SDMS-02	Fig. 20
15	3	Clevis Eye Extension	20-SDMS-02	Fig. 21
16	3 Set	Preformed Armoured Rods for 67.44mm ² ACSR/AW (Quail)	20-SDMS-02	Fig. 38
17	3	Preformed Line Post Insulator Side Tie for Quail With Armour	20-SDMS-02	Fig. 36
18	2	Preformed Line Post Insulator Top Tie for Quail	20-SDMS-02	Fig. 35
19	4	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
20	1	Earthwire Support Plate	20-SDMS-02	Fig. 06
21	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
22	1 Set	Preformed Armoured Rods for 67.44mm ² ACSR/AW (Quail)	20-SDMS-02	Fig. 38
23	41M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)		
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25	1 Set	M.V.-S.C. Two Stay Assembly	20-SDMS-02	Drw. 301
26	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
27	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
28	16M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
29	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
30	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
31	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51
		67.44mm ² ACSR/AW, QUAIL		

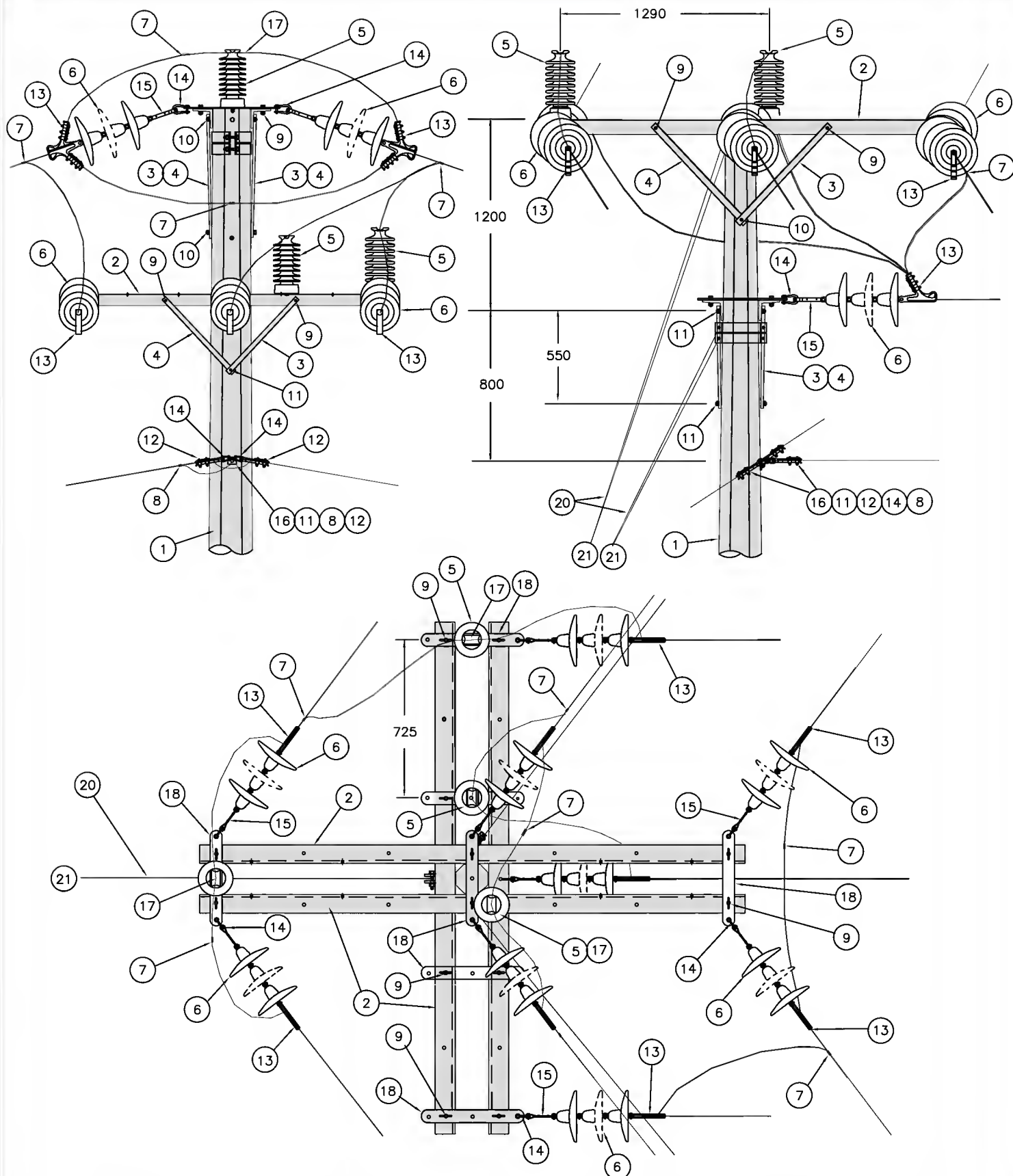
DRW.054C-OC13S, 13M, S.C. TAP-OFF ON LIGHT ANGLE STRUCTURE 6°-15°
WITH STAY FOR QUAIL MAIN & QUAIL TAP-OFF



SEC DISTRIBUTION CONSTRUCTION STANDARDS

SDCS-01

Dated: 24-06-2003



DRW.055-OC13S, 13M, S.C. TAP-OFF ON MEDIUM & HEAVY 16°-90°
ANGLE STRUCTURE WITH STAYS

ALL DIMENSIONS ARE IN MILLIMETER

DRW.055A-0C13S, 13M, S.C.TAP-OFF ON MEDIUM & HEAVY ANGLE 16°-90°
WITH STAYS FOR MERLIN MAIN & MERLIN TAP-OFF

DRW.055B-0C13S, 13M, S.C.TAP-OFF ON MEDIUM & HEAVY ANGLE 16°-90°
WITH STAYS FOR MERLIN MAIN & QUAIL TAP-OFF

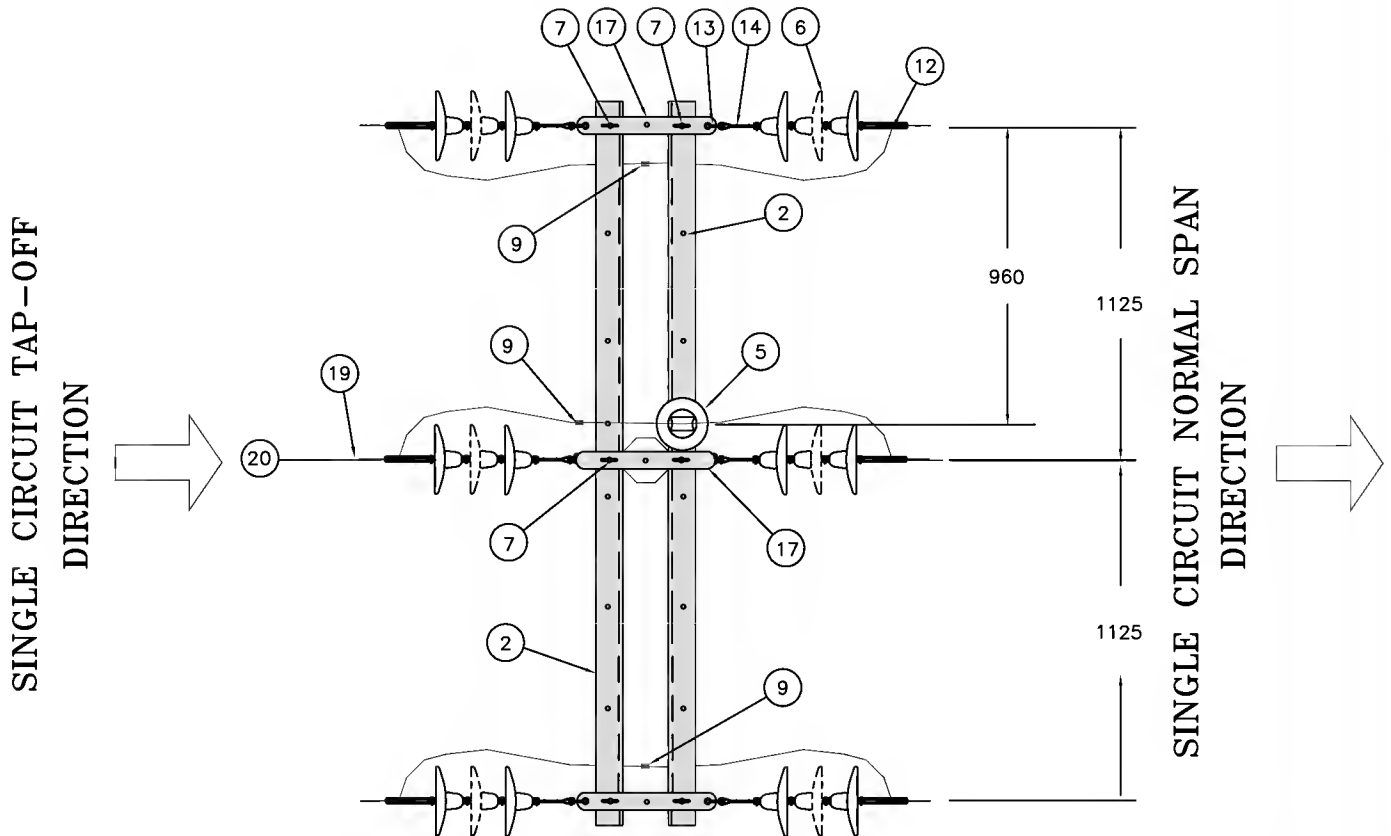
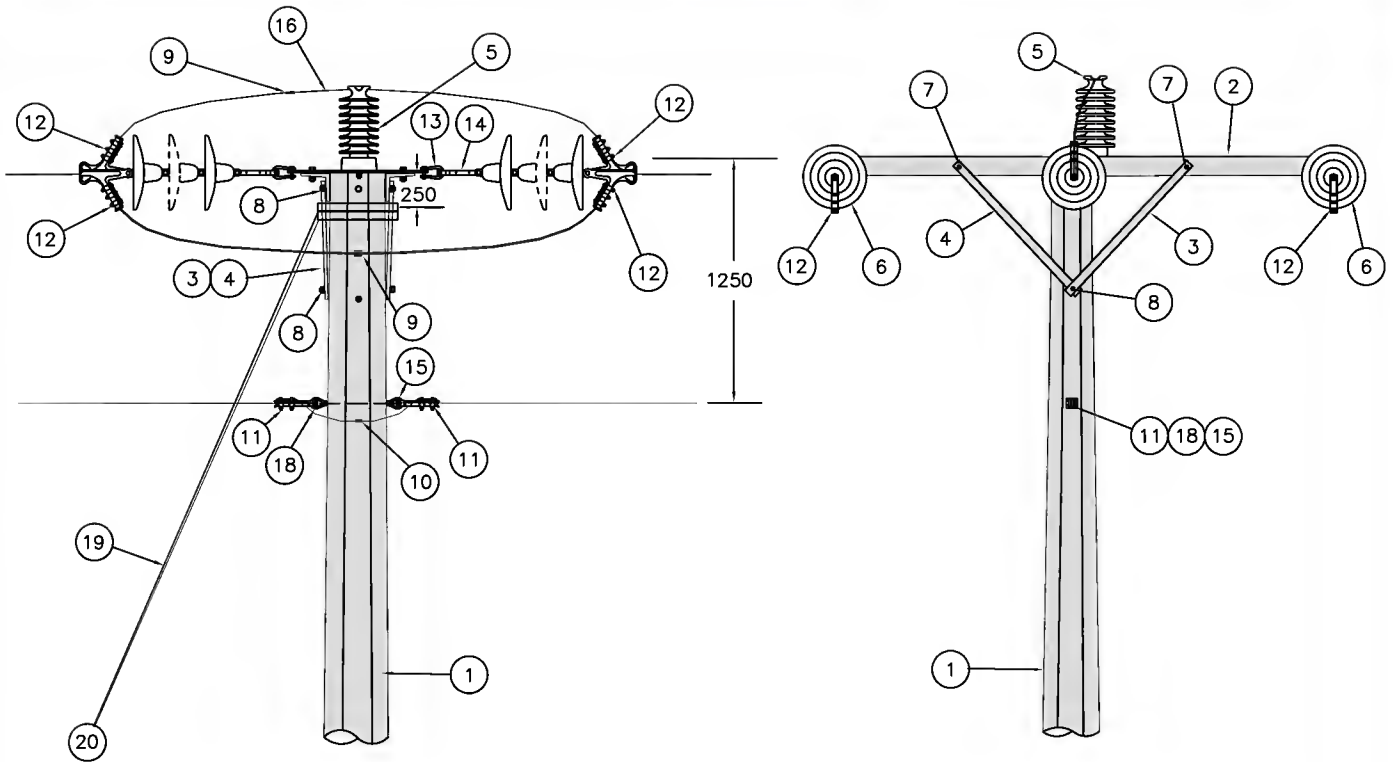
67.44mm2 ACSR/AW, QUAIL

DRW.055C-OC13S, 13M, S.C.TAP-OFF ON MEDIUM & HEAVY ANGLE 16°-90°
WITH STAYS FOR QUAIL MAIN & QUAIL TAP-OFF

SEC DISTRIBUTION CONSTRUCTION STANDARDS

SDCS-01

Dated: 24-06-2003



DRW.056-OC13S, 13M, SINGLE CIRCUIT, SLACK POLE STRUC. WITH STAYS
FROM SINGLE CIRCUIT TAP-OFF

ALL DIMENSIONS ARE IN MILLIMETER

DRW.056A-OC13S, 13M, SINGLE CIRCUIT, SLACK POLE STRUCTURE
WITH STAYS FROM SINGLE CIRCUIT TAP-OFF (MERLIN MAIN)

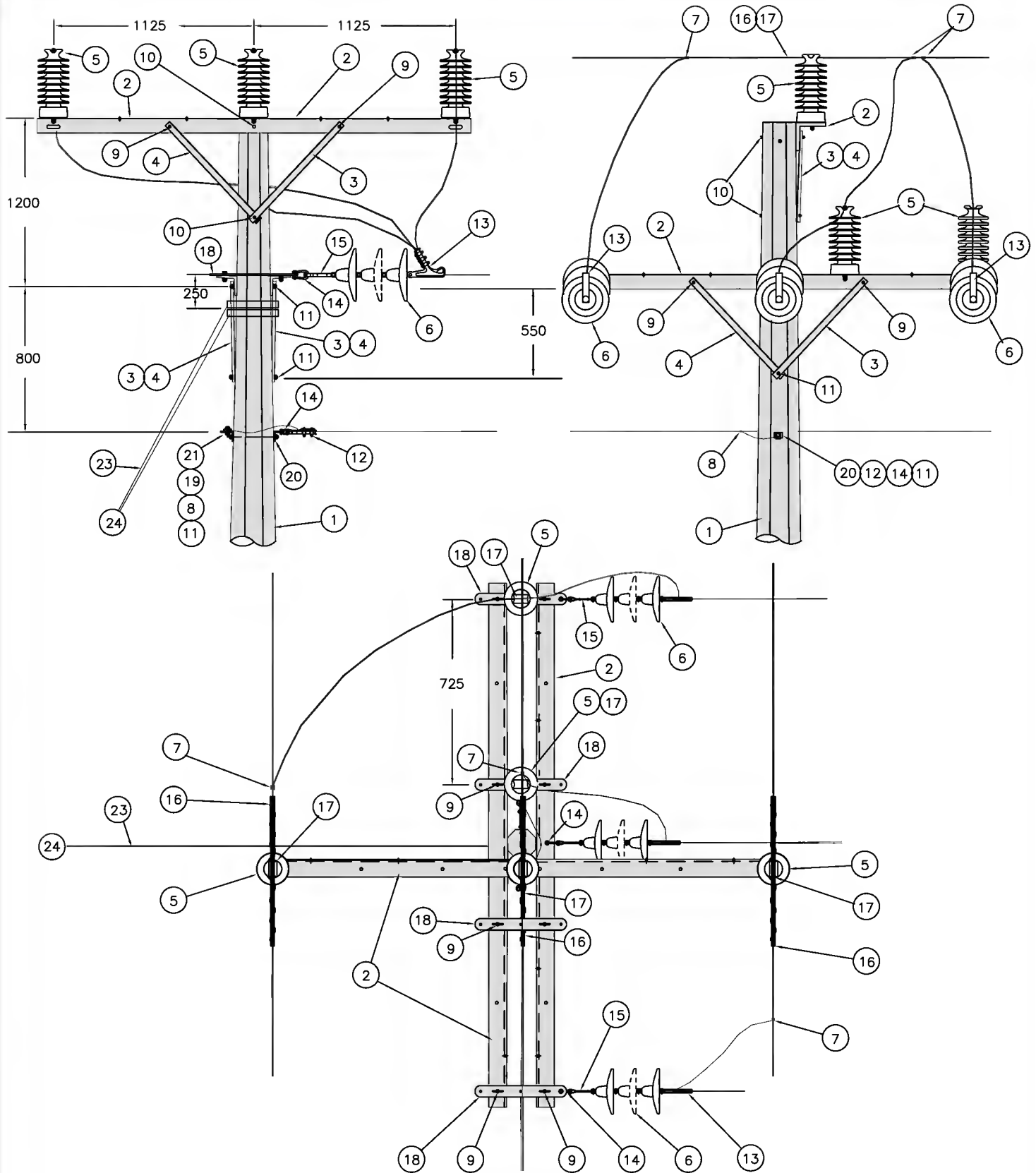
DRW.056B-0C13S, 13M, SINGLE CIRCUIT, SLACK POLE STRUCTURE
WITH STAYS FROM SINGLE CIRCUIT TAP-OFF (QUAIL MAIN)



SEC DISTRIBUTION CONSTRUCTION STANDARDS

SDCS-01

Dated: 24-06-2003



DRW.057-OC14S,14M, S.C.TAP-OFF ON INTERMEDIATE 0°-5° STRUC. W/STAYS

ALL DIMENSIONS ARE IN MILLIMETER

170.5mm² ACSR/AW, MERLIN

Page 32 of 60

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Page 33 of 60

SDCS-01

Dated: 24-06-2003

[illegible]

DRW.057C-OC14S, 14M, S.C. TAP-OFF ON INTERMEDIATE 0°-5° STRUC.
WITH STAYS FOR QUAIL MAIN & QUAIL TAP-OFF

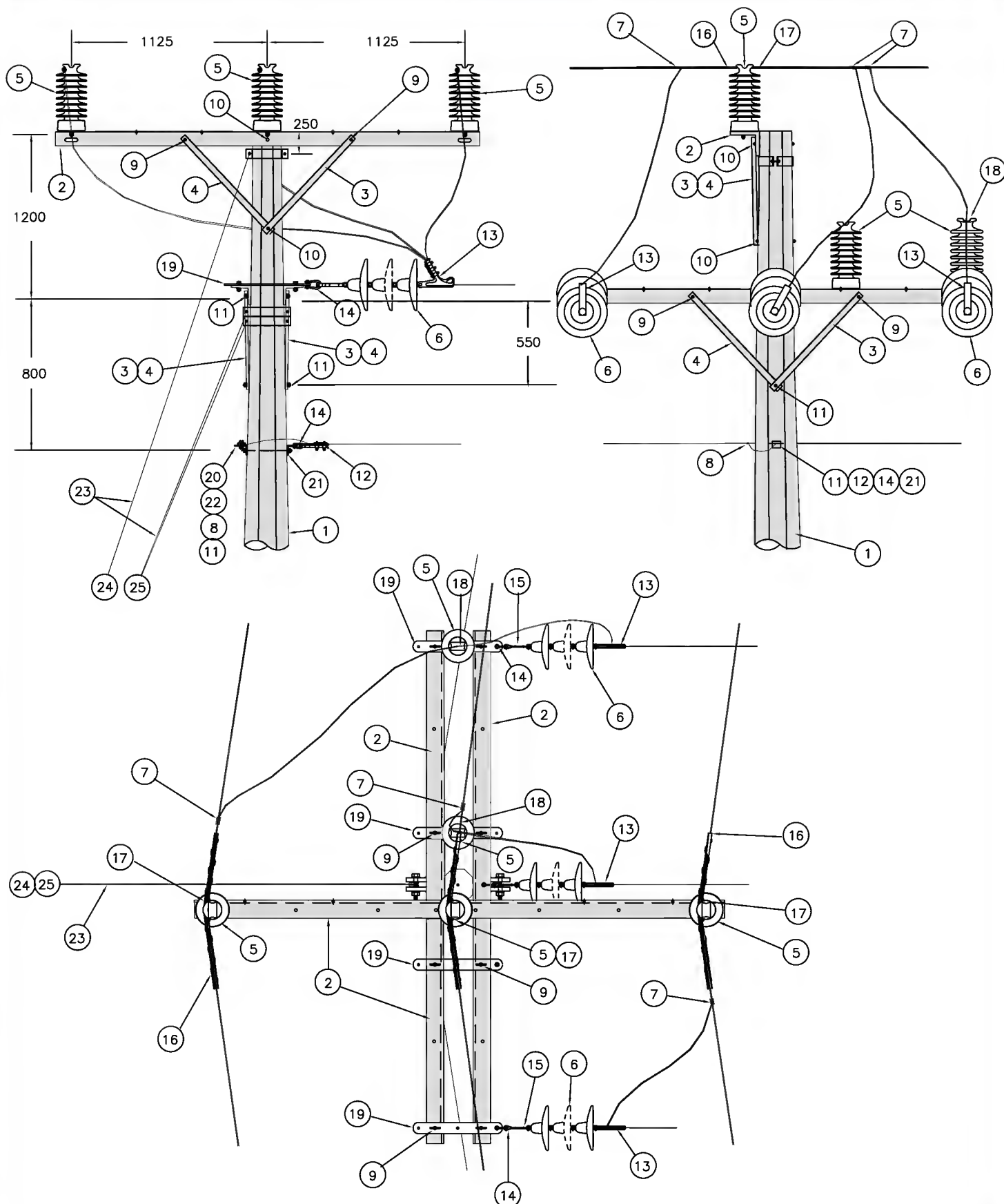


SEC DISTRIBUTION CONSTRUCTION STANDARDS

SDCS-01

Dated:

24-06-2003



DRW.058-OC14S,14M,S.C. TAP-OFF ON LIGHT ANGLE 6°-15° STURC.W/STAYS

ALL DIMENSIONS ARE IN MILLIMETER



SEC DISTRIBUTION CONSTRUCTION STANDARDS

SDCS-01

Dated: 24-06-2003

SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFERENCES	
01	1	OC14S – 14 Meter Steel Pole, HDG, Single Circuit	20-SDMS-01	Page 36
02	3	Crossarm – L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	3	Brace – L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	3	Brace – L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	5	Line Post Insulator	15-SDMS-01	Clause 4.2.8
06	3 Set	Suspension Insulator	15-SDMS-01	Page 23
07	3	Parallel Groove Compression Connector for Merlin-Merlin	20-SDMS-02	Fig. 39
08	1	Parallel Groove Compression Connector for 67.44mm ² ACSR/AW (Quail)	20-SDMS-02	Fig. 39
09	14	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	3	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	1	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
13	3	Strain Clamp, 3 U-Bolts Type for Merlin	20-SDMS-02	Fig. 29
14	4	Anchor Shackle	20-SDMS-02	Fig. 20
15	3	Clevis Eye Extension	20-SDMS-02	Fig. 21
16	3 Set	Preformed Armoured Rods for 170mm ² ACSR/AW (Merlin)	20-SDMS-02	Fig. 38
17	3	Preformed Line Post Insulator Side Tie for Merlin With Armour	20-SDMS-02	Fig. 36
18	2	Preformed Line Post Insulator Top Tie for Merlin	20-SDMS-02	Fig. 35
19	4	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
20	1	Earthwire Support Plate	20-SDMS-02	Fig. 06
21	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
22	1 Set	Preformed Armoured Rods for 67.44mm ² ACSR/AW (Quail)	20-SDMS-02	Fig. 38
23	45M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)		
24	1 Set	M.V.-S.C. One Stay Assembly	20-SDMS-02	Drw. 303
25	1 Set	M.V.-S.C. Two Stay Assembly	20-SDMS-02	Drw. 304
26	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
27	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
28	17M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
29	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
30	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
31	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51
		170.5mm ² ACSR/AW, MERLIN		

DRW.058A-OC14S, 14M, S.C. TAP-OFF ON LIGHT ANGLE STRUCTURE 6°-15°
WITH STAYS FOR MERLIN MAIN & MERLIN TAP-OFF

DRW.058B-OC14S, 14M, S.C. TAP-OFF ON LIGHT ANGLE STRUCTURE 6°-15°
WITH STAYS FOR MERLIN MAIN & QUAIL TAP-OFF

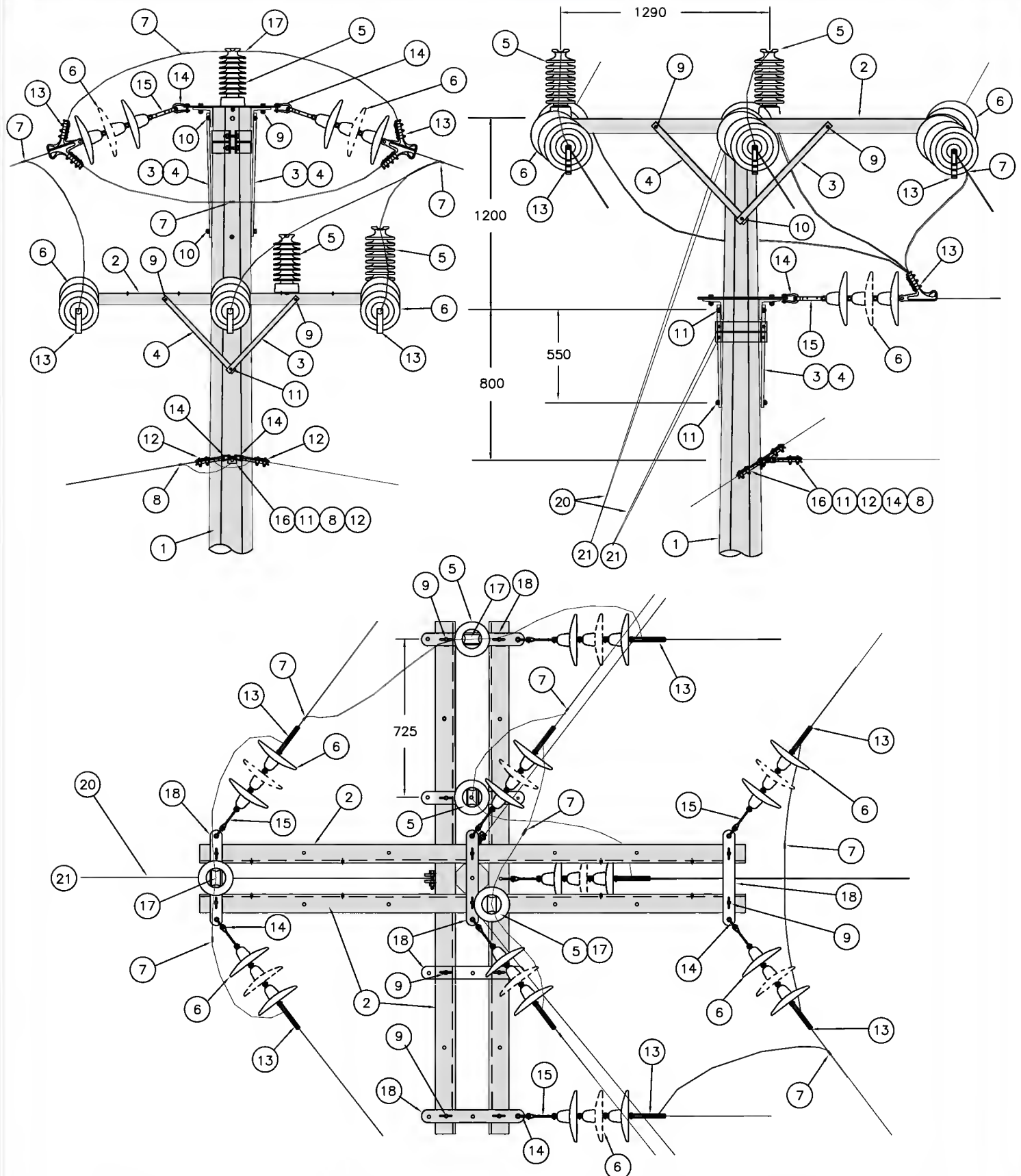
DRW.058C-OC14S, 14M, S.C. TAP-OFF ON LIGHT ANGLE STRUCTURE 6°-15°
WITH STAY FOR QUAIL MAIN & QUAIL TAP-OFF



SEC DISTRIBUTION CONSTRUCTION STANDARDS

SDCS-01

Dated: 24-06-2003



DRW.059-OC14S, 14M, S.C. TAP-OFF ON MEDIUM & HEAVY 16°-90°
ANGLE STRUCTURE WITH STAYS

ALL DIMENSIONS ARE IN MILLIMETER

DRW.059A-0C14S, 14M, S.C.TAP-OFF ON MEDIUM & HEAVY ANGLE 16°-90°
WITH STAYS FOR MERLIN MAIN & MERLIN TAP-OFF

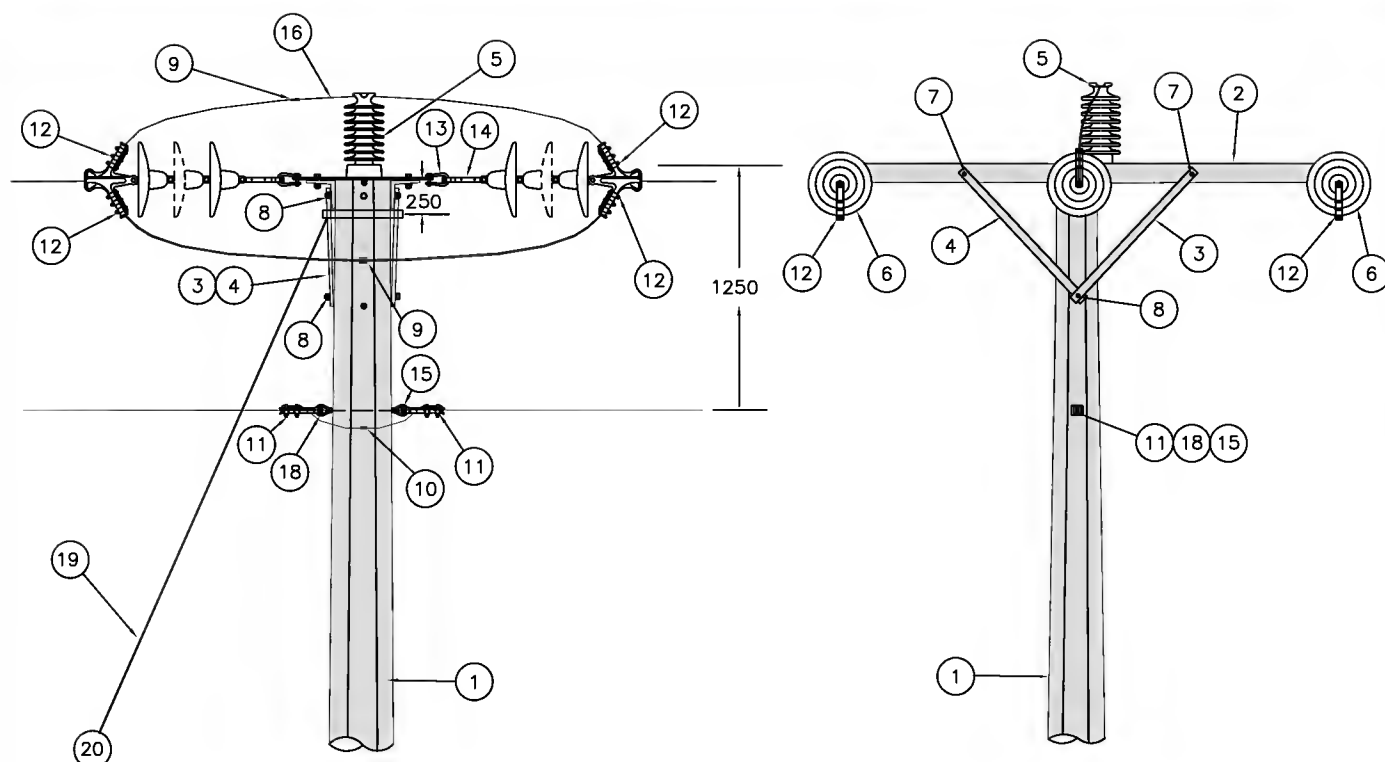
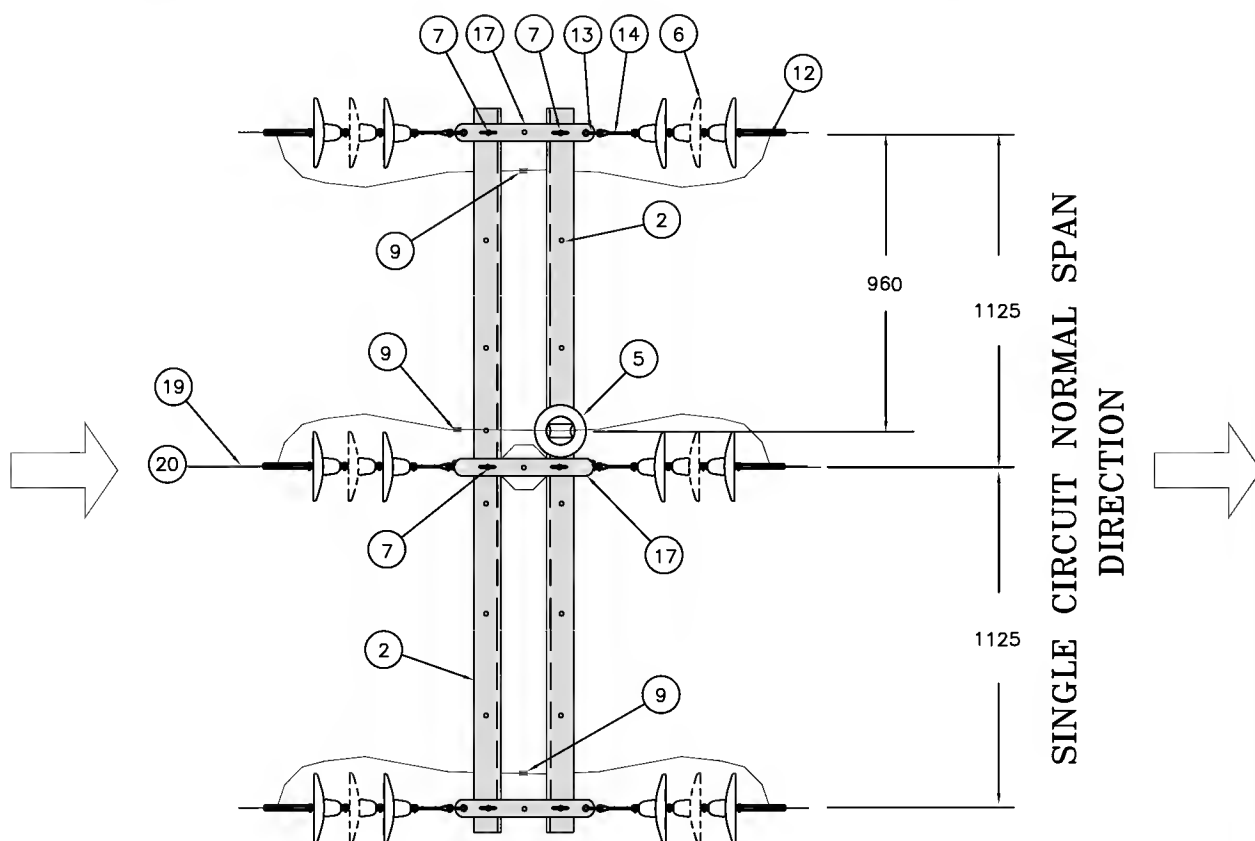
DRW.059B-0C14S, 14M, S.C.TAP-OFF ON MEDIUM & HEAVY ANGLE 16°-90°
WITH STAYS FOR MERLIN MAIN & QUAIL TAP-OFF

DRW.059C-0C14S, 14M, S.C.TAP-OFF ON MEDIUM & HEAVY ANGLE 16°-90°
WITH STAYS FOR QUAIL MAIN & QUAIL TAP-OFF

SEC DISTRIBUTION CONSTRUCTION STANDARDS

SDCS-01

Dated: 24-06-2003

SINGLE CIRCUIT TAP-OFF
DIRECTION

DRW.060-OC14S, 14M, SINGLE CIRCUIT, SLACK POLE STRUCTURE
WITH STAYS FROM SINGLE CIRCUIT TAP-OFF

ALL DIMENSIONS ARE IN MILLIMETER

DRW.060A-OC14S, 14M, SINGLE CIRCUIT, SLACK POLE STRUCTURE
WITH STAYS FROM SINGLE CIRCUIT TAP-OFF (MERLIN MAIN)

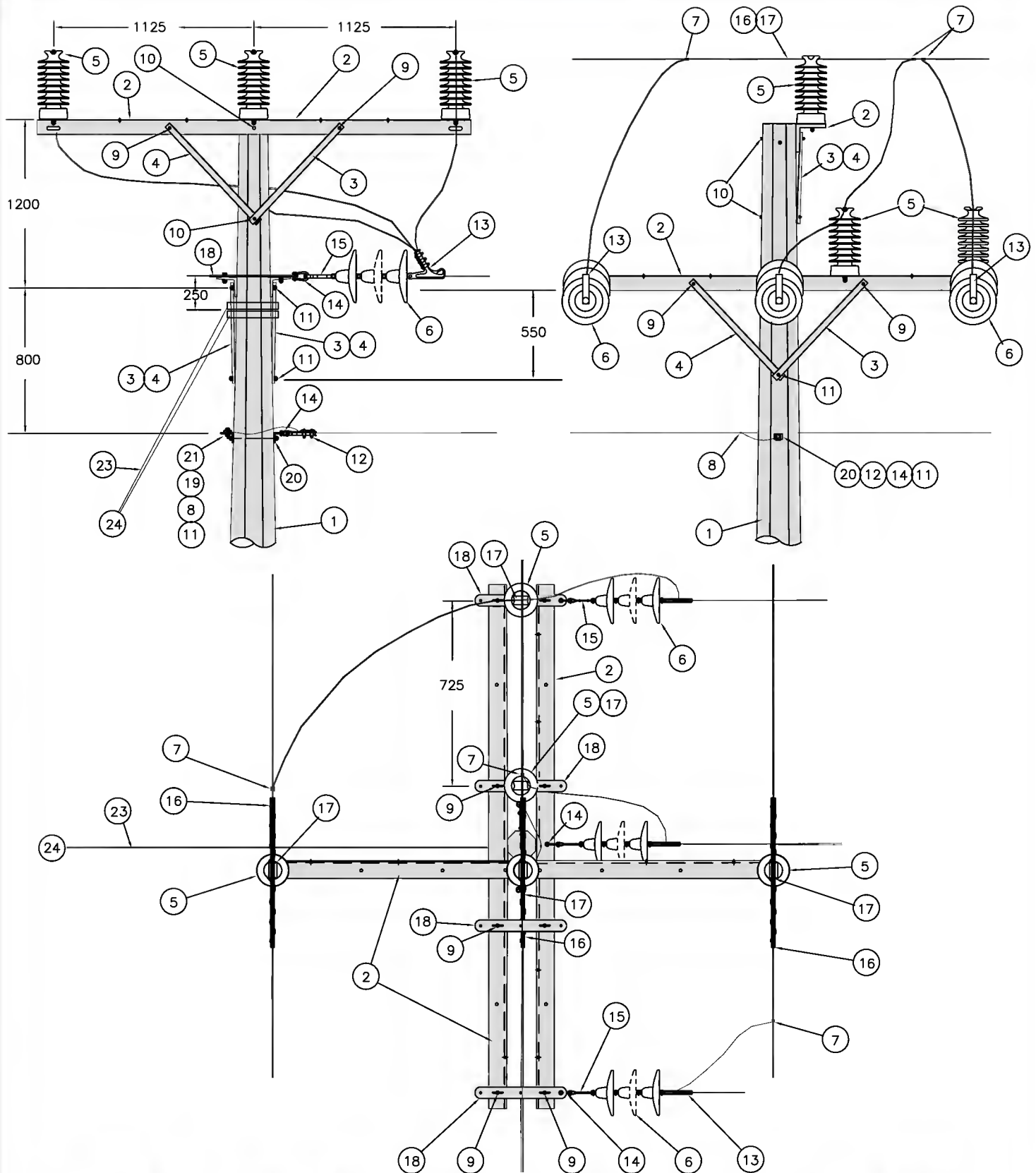
DRW.060B-OC14S, 14M, SINGLE CIRCUIT, SLACK POLE STRUCTURE
WITH STAYS FROM SINGLE CIRCUIT TAP-OFF (QUAIL MAIN)



SEC DISTRIBUTION CONSTRUCTION STANDARDS

SDCS-01

Dated: 24-06-2003



DRW.061-OC15S/D, 15M, S.C. TAP-OFF ON INTERMEDIATE 0°-5°
STRUCTURE WITH STAYS

ALL DIMENSIONS ARE IN MILLIMETER

DRW.061A-OC15S/D, 15M, S.C. TAP-OFF ON INTERMEDIATE 0°-5° STRUC.
WITH STAYS FOR MERLIN MAIN & MERLIN TAP-OFF

DRW.061B-OC15S/D, 15M,S.C. TAP-OFF ON INTERMEDIATE 0°-5° STRUC.
WITH STAYS FOR MERLIN MAIN & QUAIL TAP-OFF

67.44mm² ACSR/AW, QUAIL

DRW.061C-OC15S/D, 15M, S.C. TAP-OFF ON INTERMEDIATE 0°-5° STRUC.
WITH STAYS FOR QUAIL MAIN & QUAIL TAP-OFF

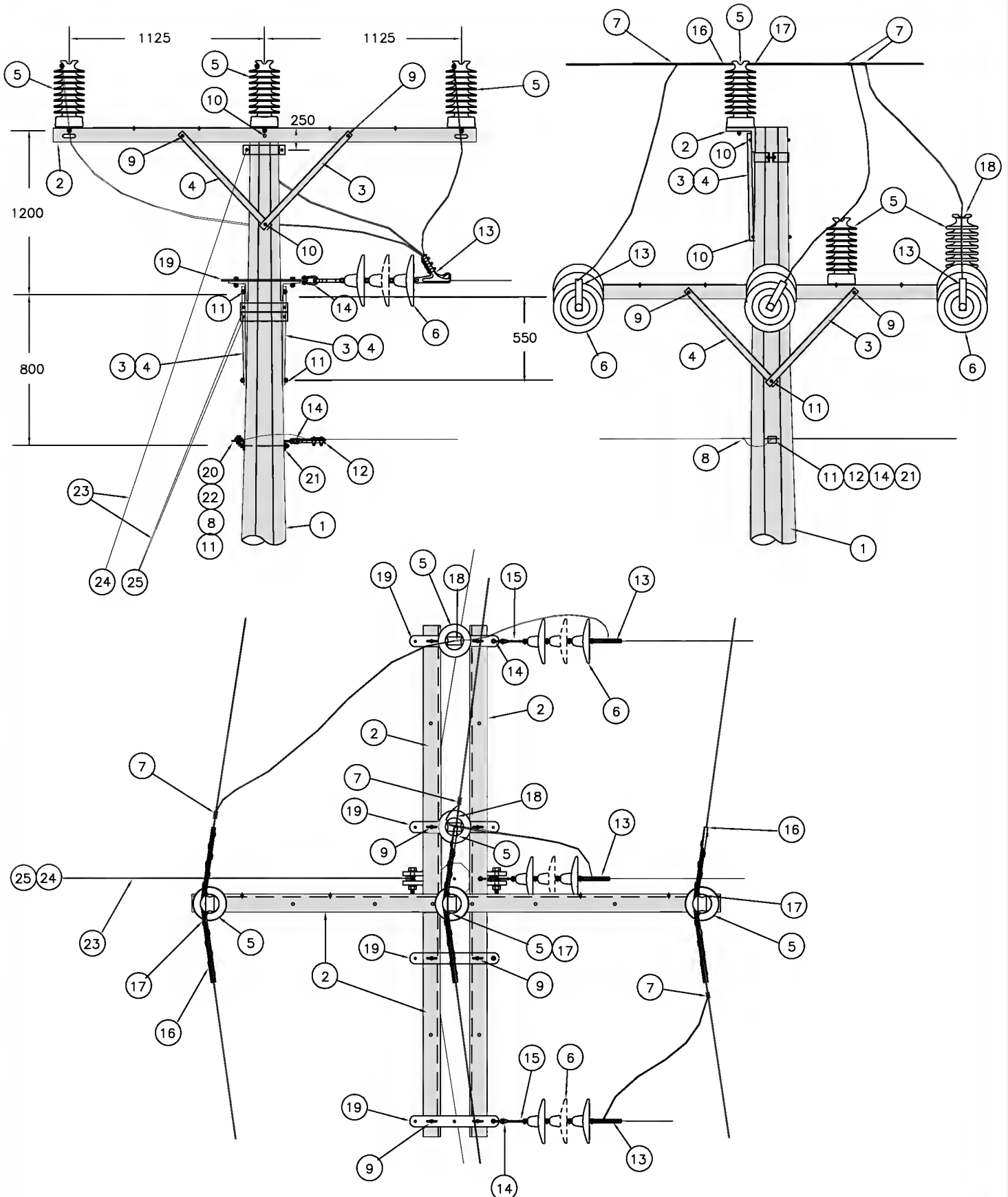


SEC DISTRIBUTION CONSTRUCTION STANDARDS

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Dated:

24-06-2003



DRW.062-OC15S/D,15M,S.C. TAP-OFF ON LIGHT ANGLE 6°-15° STUR.W/STAYS

ALL DIMENSIONS ARE IN MILLIMETER



SEC DISTRIBUTION CONSTRUCTION STANDARDS

SDCS-01

Dated: 24-06-2003

SERIAL NO.	QTY	BILL OF MATERIALS DESCRIPTION	REFERENCES	
01	1	OC15S/D – 15 Meter Steel Pole, HDG, Single Circuit	20-SDMS-01	Page 38
02	3	Crossarm – L 100x100x12x2400mm L.G.	20-SDMS-02	Fig. 01
03	3	Brace – L 50x50x4x828mm L.G.	20-SDMS-02	Fig. 04
04	3	Brace – L 50x50x4x828mm L.G. With One End Clipped	20-SDMS-02	Fig. 04
05	5	Line Post Insulator	15-SDMS-01	Clause 4.2.8
06	3 Set	Suspension Insulator	15-SDMS-01	Page 23
07	3	Parallel Groove Compression Connector for Merlin-Merlin	20-SDMS-02	Fig. 39
08	1	Parallel Groove Compression Connector for 67.44mm ² ACSR/AW (Quail)	20-SDMS-02	Fig. 39
09	14	Machine Bolt, M20x60mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
10	2	Machine Bolt, M20x225mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
11	3	Machine Bolt, M20x265mm With Nut, 2 Flat Washer & 1 Spring Washer	20-SDMS-02	Fig. 15
12	1	Strain Clamp, Straight Line Deadend Type for Quail	20-SDMS-02	Fig. 30
13	3	Strain Clamp, 3 U-Bolts Type for Merlin	20-SDMS-02	Fig. 29
14	4	Anchor Shackle	20-SDMS-02	Fig. 20
15	3	Clevis Eye Extension	20-SDMS-02	Fig. 21
16	3 Set	Preformed Armoured Rods for 170mm ² ACSR/AW (Merlin)	20-SDMS-02	Fig. 38
17	3	Preformed Line Post Insulator Side Tie for Merlin With Armour	20-SDMS-02	Fig. 36
18	2	Preformed Line Post Insulator Top Tie for Merlin	20-SDMS-02	Fig. 35
19	4	Double Arming Plate, 100x12x700mm	20-SDMS-02	Fig. 07
20	1	Earthwire Support Plate	20-SDMS-02	Fig. 06
21	1	Earthwire Suspension Support	20-SDMS-02	Fig. 05
22	1 Set	Preformed Armoured Rods for 67.44mm ² ACSR/AW (Quail)	20-SDMS-02	Fig. 38
23	49M	Stay Wire 7/4, 12mm Dia. HDG Steel, UTS 101kN (Min)		
24	1 Set	M.V.-S.C. One Stay Assembly	20-SDMS-02	Drw. 303
25	1 Set	M.V.-S.C. Two Stay Assembly	20-SDMS-02	Drw. 304
26	2 Set	Phasing Plates (A,B,C)	20-SDMS-02	Fig. 53/54
27	1 Set	Danger Sign Plate Complete With Its Accessories	20-SDMS-02	Fig. 49/50
28	18M	Anti-Climbing Device, Barbed Wire	20-SDMS-02	Fig. 13
29	2	Buckle Type, Locking Clip for Barbed Wire	20-SDMS-02	Fig. 13
30	1 Set	Pole Numbering Base Plate	20-SDMS-02	Fig. 51
31	1 Set	Pole Numbering Plates	20-SDMS-02	Fig. 51
		170.5mm ² ACSR/AW, MERLIN		

DRW.062A-OC15S/D, 15M, S.C. TAP-OFF ON LIGHT ANGLE STRUCTURE
6°-15° WITH STAYS FOR MERLIN MAIN & MERLIN TAP-OFF

DRW.062B-OC15S/D, 15M, S.C. TAP-OFF ON LIGHT ANGLE STRUCTURE
6°-15° WITH STAYS FOR MERLIN MAIN & QUAIL TAP-OFF

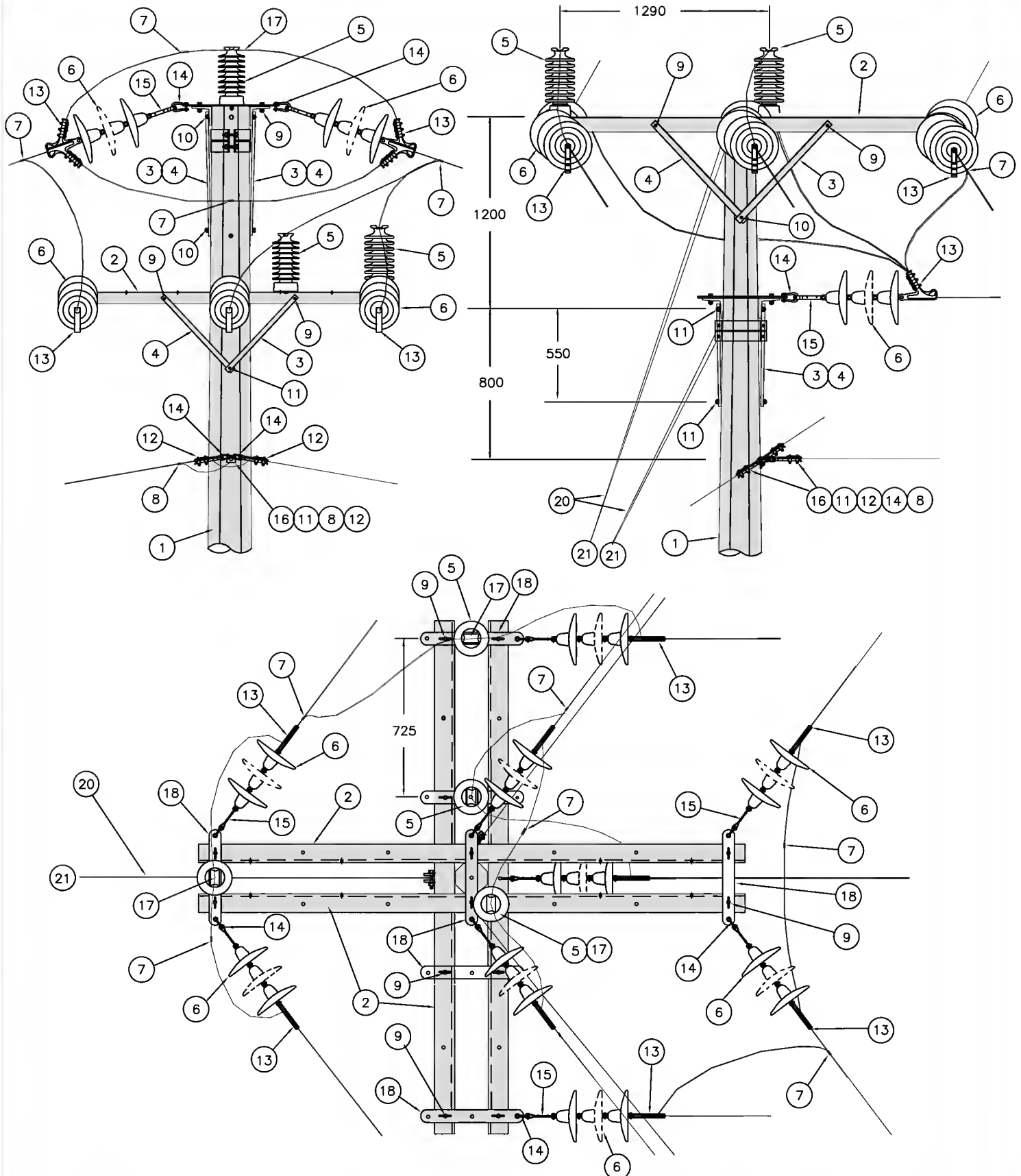
DRW.062C-OC15S/D, 15M, S.C. TAP-OFF ON LIGHT ANGLE STRUCTURE
6°-15° WITH STAY FOR QUAIL MAIN & QUAIL TAP-OFF



SEC DISTRIBUTION CONSTRUCTION STANDARDS

SDCS-01

Dated: 24-06-2003



DRW.063-OC15S/D, 15M, S.C. TAP-OFF ON MEDIUM & HEAVY 16°-90°
ANGLE STRUCTURE WITH STAYS

ALL DIMENSIONS ARE IN MILLIMETER

170.5mm² ACSR/AW, MERLIN

Page 55 of 60

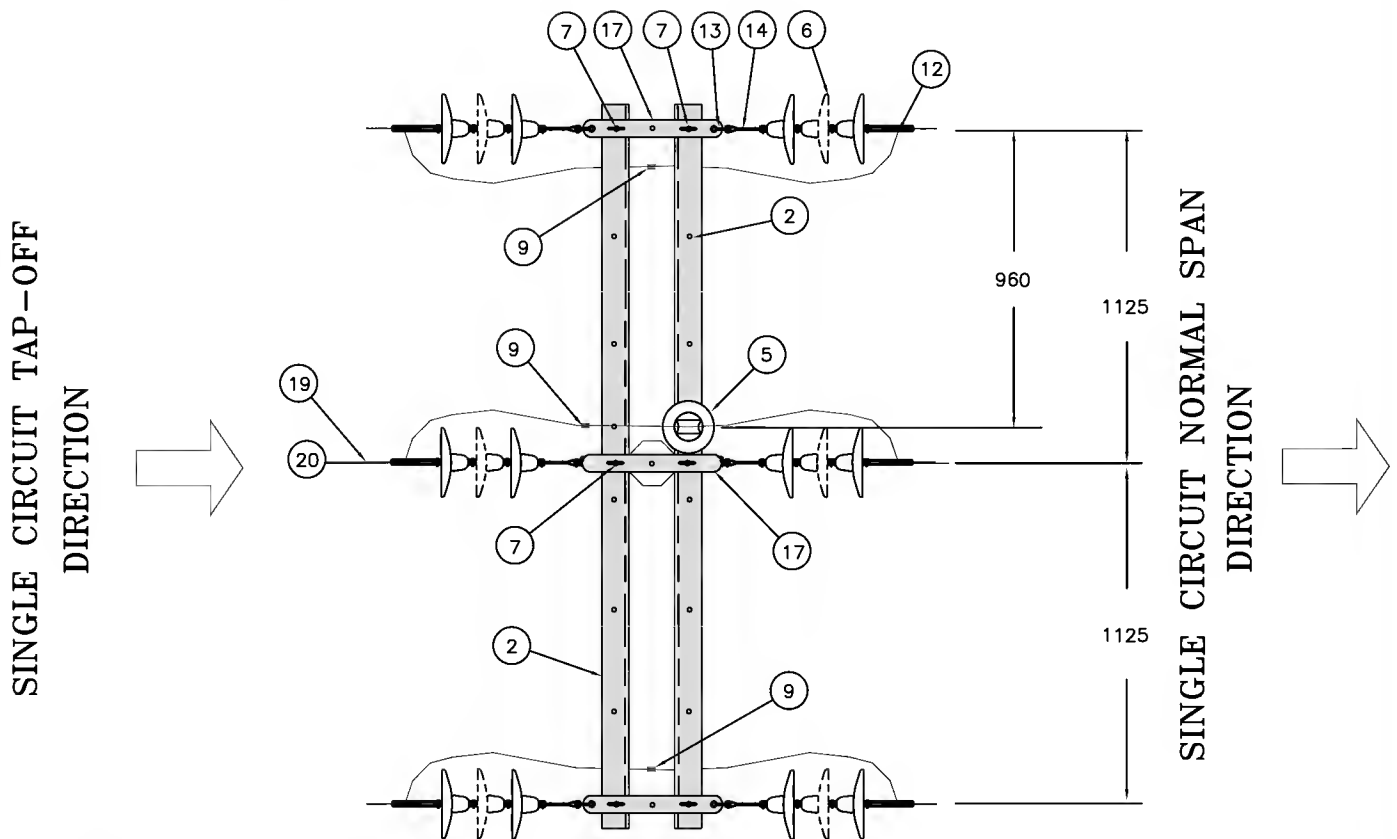
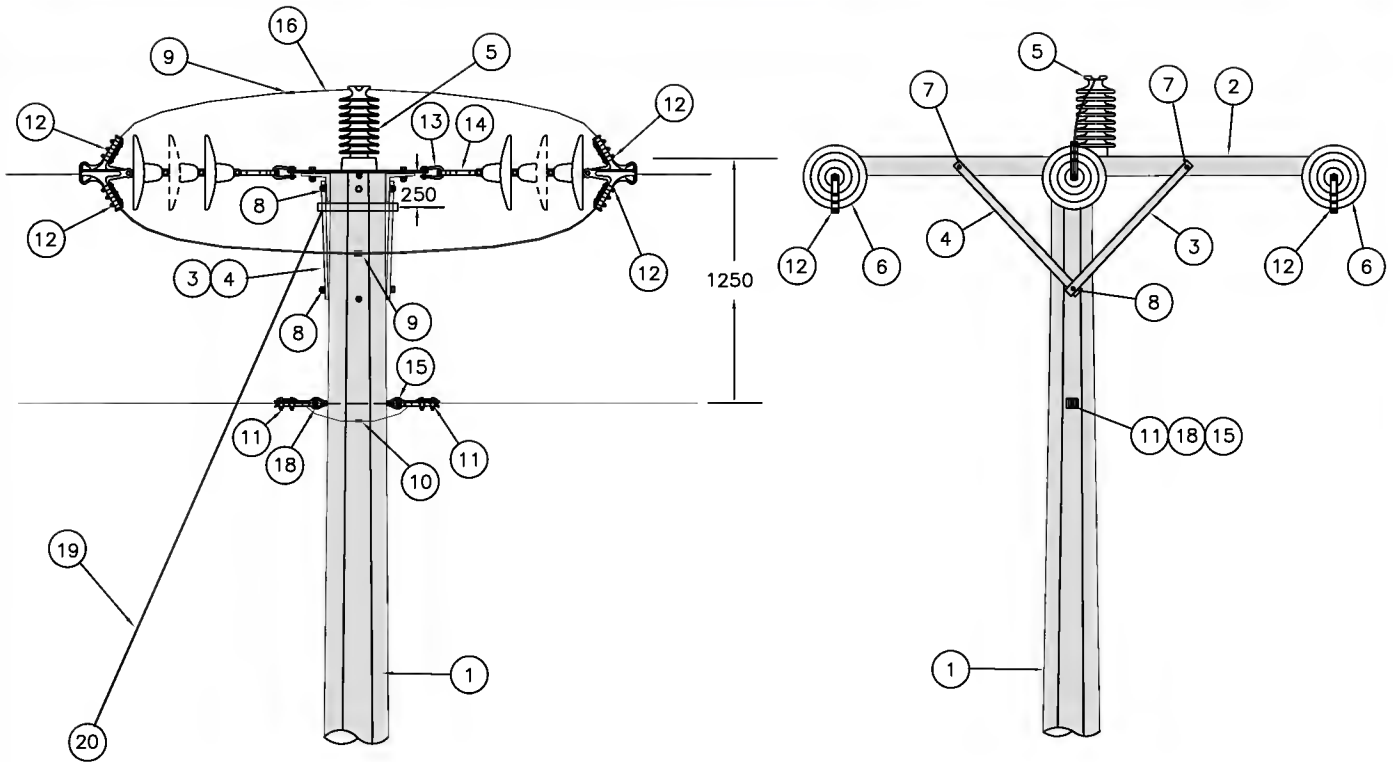
DRW.063B-OC15S/D, 15M, S.C. TAP-OFF ON MEDIUM & HEAVY ANGLE
16°-90° WITH STAYS FOR MERLIN MAIN & QUAIL TAP-OFF

DRW.063C-OC15S/D, 15M, S.C. TAP-OFF ON MEDIUM & HEAVY ANGLE
16°-90° WITH STAYS FOR QUAIL MAIN & QUAIL TAP-OFF

SEC DISTRIBUTION CONSTRUCTION STANDARDS

SDCS-01

Dated: 24-06-2003



DRW.064-OC15S/D, 15M, SINGLE CIRCUIT, SLACK POLE STRUCTURE
WITH STAYS FROM SINGLE CIRCUIT TAP-OFF

ALL DIMENSIONS ARE IN MILLIMETER

DRW.064A-OC15S/D, 15M, SINGLE CIRCUIT, SLACK POLE STRUCTURE
WITH STAYS FROM SINGLE CIRCUIT TAP-OFF (MERLIN MAIN)

67.44mm² ACSR/AW, QUAIL

Page 60 of 60